

Appl. No. : 09/380,534
Filed : September 1, 1999

CONCLUSION

The Examiner is invited to call the undersigned attorney if there remain any questions or concerns. Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Dated: 26 Feb 2001

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims

Kindly amend Claims 1, 4, 9-11, 14, and 48 as set forth below:

1. (Amended) A method of inducing and/or sustaining an immunological CTL response in a mammal, which method comprises:

delivering an antigen to the mammal at a level sufficient to induce an immunologic CTL response in the mammal; and

maintaining **[the level of]** the antigen in the mammal's lymphatic system over time sufficient to maintain the immunologic CTL response.

4. (Amended) **The [A] method of Claim 1, wherein the method is applied to [of treating] a treatment of** a mammal having a disease, or being predisposed to a disease, **[to which the mammal's immune system mounts a cell-mediated response to a disease-related antigen to attack the disease, which method comprises:] wherein the antigen is a disease-matched antigen.**

[delivering a disease-matched antigen to the animal at a level sufficient to induce an increased CTL-response in the animal; and

maintaining the increased CTL-response in the animal by sustained, regular delivery of the disease-matched antigen to the animal for a time sufficient to treat the disease wherein the sustained, regular delivery of the antigen is done in a manner that maintains the level of antigen in the animal's lymphatic system.]

9. (Amended) The method of Claim 4 wherein a single antigen is delivered to the **[animal] mammal.**

10. (Amended) The method of Claim 4 wherein multiple antigens are delivered to the **[animal] mammal.**

11. (Amended) The method of Claim 4 wherein the CTL response is maintained by delivering the antigen directly to the **[animal's] mammal's** lymphatic system.

14. (Amended) The method of Claim 4 wherein the antigen is delivered to the **[animal] mammal** by pumping a physiologically-acceptable, composition of the antigen from a device held external of the **[animal's] mammal's** body through a transmission line and catheter

positioned to deliver the antigen-containing composition so that the antigen reaches the [animal's] mammal's lymph system.

48. (Amended) The method of claim 1, wherein said antigen is provided as a nucleic acid encoding the antigen.

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